

Addendum B:

Possible list of initiatives to highlight in annual report to the Governor

1. Foundations in STEM:

- Alternative math pathways including coding
- Work with Paul Leather (DoE) to create channel to bring pathways through rules process.
- Micro-credentialing with DoE to develop standards to create Computer Science micro-credential in NH. In partnership with Empowering Teachers.
- MIT “coding across curriculum” pilot with STEAM Ahead to prepare students to each coding in a wide range of subjects (in possible conjunction with Empowering Teachers).

2. Inspiring Students

- NHMSA: Summary report on accomplishments and next for Feasibility Study to be issued in 2016. Will include a report on the NHMSA Design Day held April 25th with leaders from NH and New England.
- PLP: pilot implementation plan ready to go for fall 2016-spring 2017 in at least one location but maybe more. Pilot in Lebanon at middle school. This is another area of excitement because of tristate and national interest in student personal learning plans. *Barbara may also announce recommendation for a software program developed in Vermont called “LiFT” which enables students to match their interests against careers, use their activities to help them see skills they are developing, class to take and track competencies as they develop them.*
- Competitions: Report on statewide inventory of various STEM competitions and plans in development with FIRST® to reach every secondary school in NH.
- Girls in STEM: Report on accomplishments, especially events to encourage more girls to study STEM subjects and eventually enter STEM careers.
- CTE: early college academies. Formation of statewide CTE council and activities to modernize STEM offerings – especially IT – in CTE centers.

3. Empowering Teachers

- Credentialing and micro-credentialing modernized framework to link national to state efforts. Empowering Teachers working group is working with DoE (national CCSSO consortium) to report out recommendations and framework in June 2017.
- Micro-credentialing new initiatives and pilots: CS micro-credential through DoE. Highlight work with Keene state and Plymouth state giving a graduate credit for non-university studies like workshops and conferences through extra academic work such as lesson plans, indepth reflection papers (synergizing teaching of workshop (for example) and blending into pedagogy and other teacher experience. This enables the PD to move beyond a PD credit to graduate credit. Conversation about this work being granted a micro-credential. Another: Brian Blake has been running summer workshops for teachers in CBE and team teaching. Some conversations with

about giving credit beyond PD. This is an excellent opportunity to move this toward a micro-credential such as “CBE K-12 assessment practices.”

- Laying ground work for statewide PD center learning community (through leading LESCEN centers to have regular conference calls/meeting to share best practices). Group has interviewed all functioning LESCEN centers to learn capabilities and challenges – first step is to communicate.

4. Communications and Engagement

- By annual report time, user experience study for strawman website – using middle and high schoolers and parents to test. Focus on careers. Building the strawman now.